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PATENT

P1085R6



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vanessa Hsei et. al.

App. No. : 09/489,394

Filed : January 21, 2000

For : ANTIBODY FRAGMENT-
POLYMER CONJUGATES AND
USES OF SAME

Examiner : L. Helms

) Group Art Unit: 1642

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) Ginger R. Dreger, Reg. No. 33,055

PRELIMINARY AMENDMENT AND RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please amend the above-identified patent application in the following aspects.

In the Claims:

☞ Please amend claim 1 to read as follows: ☞

1. (Twice amended) A conjugate consisting essentially of at least one antibody fragment covalently attached to no more than about 2 nonproteinaceous polymer molecules, wherein the apparent size of the conjugate is at least about 500 kD, wherein the antibody fragment comprises a heavy chain and a light chain corresponding to a heavy chain and a light chain portion of a parental antibody, wherein said heavy chain portion is free of the heavy chain constant domains of the Fc region, and wherein in the portion of the parental antibody the heavy and light chains are covalently linked by a disulfide bond between a cysteine residue in the light chain and a cysteine residue in the heavy chain, wherein in the antibody fragment the cysteine residue in the light or heavy chain is substituted with another amino acid and the cysteine residue